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JANUARY BULLETIN

OF THE

Van Dusen Nurseries

W. L. McKAY, Proprietor

GENEVA, N. Y.

★ SEP 25 1920 ★
U. S. Department of Agriculture



ONE OF OUR GREENING TREES AND ITS 1911 CROP.
(Compare this with the other extreme, page 10)

SPECIAL APPLE BULLETIN

ANNOUNCEMENT OF MONTHLY BULLETINS

Monthly Bulletins similar to this will be mailed you up to April or May. We printed last winter an edition of our General Catalogue with full descriptions of varieties sufficient for two or three seasons; therefore these Bulletins will contain no descriptions or comments on varieties except in a few instances.

If you were on our mailing list or corresponded with us last season you have had this Catalogue, but another copy will be sent you on application if desired.

When prices or sizes in bulletins vary from those in the catalogue, the prices in the bulletins govern for that month.

OUR GUARANTY

We guarantee our customers against wilful or intentional substitution or change of labels, and will exercise the greatest care to have every variety exactly what it purports to be. In case of any error we will replace with other stock or refund the money. We guarantee our stock to be strictly as represented, first-class in all respects for the sizes and varieties sold, and to be in good condition when delivered to the transportation company.

CASH WITH ORDER

This is a vital necessity in a mail order business and should not be considered as any reflection on the credit of the buyer.

Remit any way most convenient to yourself, except do not send money in a letter without registering it. The safest way is by either postal or express order, New York draft or your own personal check.

MANNER OF SHIPPING

All small lots packed in moss and straw bales and an occasional small box go by express. Very late shipments in the Spring should also go by express. All boxes other than the very small ones, if shipped reasonably early, go safely by freight. Our responsibility ceases with the delivery properly packed at the express or freight office in Geneva. If you leave the manner of shipping with us we will always consult your best interest in the matter.



Our farm produces more than one kind of "nursery" stock

SUBSTITUTING

No substitutions are made except with the buyers' permission. If willing we should substitute if necessary, kindly state this fact on the order.

ORDER EARLY

As a rule we can take better care of a customer if we have his order a few weeks ahead of the shipping season. This is especially true in case of large orders. Unless you specify otherwise we shall ship your order soon after the spring packing season opens in April.

PARCELS POST

Nursery stock does not come under the new rates except as to increase from four to eleven pounds. It is 1c for two ounces, any distance. The very great majority of orders will go better and cheaper by express. Frequently we do mail small orders when it is to the evident advantage of the customer, in which case we allow him to refund the postage.

PLEASE USE INCLOSED ORDER BLANK IN ORDERING

DON'T KEEP ALL THE GOOD THINGS TO YOURSELF

Send us the addresses of such of your friends as might like to receive these Bulletins.

Overproduction of Apples?

Just now there is a decided tendency to hold back on apple planting. For several years past apple planting has been very heavy all through the eastern and New England states as well as further west, and all at once last winter we began to hear vague whisperings about "overproduction of apples." Orchardists who have been practicing systematic expansion of their orchards omitted their usual plantings. Many who planned to break into the game, hearing the growing rumors that in ten years apples would be as plenty and as worthless as cobblestones in Connecticut, had a nervous chill when they realized how near they had come to making a bad investment, and planted corn and potatoes instead. The corn and spuds are all right, but let us see how much reason there is for this bugbear of overproduction of apples.

During the thirty-three years of my connection with agricultural matters I have seen, right here in New York State, various crops selling for about the following prices: Wheat, 50c per bushel; oats, 15c; corn, 18c; (and in the great corn states it was burned as fuel), potatoes 6c and less; hay, \$5.00 per ton; grapes, \$4.00 to \$5.00 per ton; plums netting about 10c per bushel; apples, 50c a barrel and peaches nothing. Following the same line of argument that deters the man from planting apple trees because of a fear of overproduction, you and I, Mr. Farmer, should let our farms go for taxes and go into some other business—start a bank or buy mining stocks for example.

Let me recite the circumstances attending 6c potatoes and 50c apples. They will illustrate the principle sufficiently. In 1895 there were very heavy plantings of potatoes all over the United States; in nearly all the important potato regions conditions were favorable and there were bumper crops everywhere, although the potato bugs worked overtime. As a result the following spring potatoes were practically worthless; I, myself, dumped two thousand bushels. The chances are that some time the same

situation will occur again, but the chances are even stronger that long periods will elapse between such occurrences.

I think it was in 1890 that the apple grower received about 50c per barrel for good fruit. As in the case of potatoes, about every apple tree in the country had a chance to show what it really could do when all conditions were favorable, AND IT DID IT. I have no doubt but the time will come again when once more the great apple regions will rival their efforts of that time, and we shall see the "filling" at least, of the Great American Pie so cheap that we can all afford to have it for breakfast whether we live in New England or not.

If EVERY agricultural crop, EVERY year, EVERY where in the country produced bumper crops, about EVERY farmer would have to make an assignment; but the great big fact is that it is only at intervals of many years on the average, that any given crop experiences the peculiar conditions over the WHOLE country that I have instanced.

It is quite reassuring too, to remember that every year adds a few million

apple eaters to our population and that each one is eating a good many more every year than he used to; that tons are now canned every year where bushels were formerly; that the export trade then was a mere trifle compared to what it is now, and that facilities for storage and distribution today are far more perfect than a quarter of a century ago. In the years 1891 to 1903 the export of apples increased from 135,000 to 1,650,000 barrels.

The fellow who is afraid to plant fruit trees for fear the fruit won't be worth anything when they bear, is the same sort of chap who would be afraid to build a house for fear it might burn down some day. If we must worry let it be about something real—let us worry about not growing as fine fruit as possible, or not packing as honestly as we ought, and not about the low price at which we may have to sell an occasional big crop.



One of Our Apple Trees—Only Four Years Planted

STANDARD FRUIT TREES

Standard Apple Trees

For Dwarf Apples see
pages 10 and 11

Prices on page 7

Varieties for Home Use

Considering high quality and adaptability to home use, I would suggest the following fall and winter varieties from which to select, in addition to such crabs and early varieties as may be wanted.

Baldwin	Northern Spy	Rhode Island Greening	Sutton
Fameuse	Pound Sweet	Scarlet Beauty	Wagener
Hendrick Sweet	Roxbury or	Spitzenberg	Wealthy
King	Golden Russet	Stearns	Winter Banana
McIntosh	Rome Beauty	Stayman	Yellow Transparent

By the way, the Excelsior Crab is a delightfully little dessert apple.

Ben Davis might be added to above list simply on account of its great bearing and keeping qualities; however, Rome Beauty about equals it in these two respects and is a better apple.



DWARF APPLE ORCHARD OF DEAN L. H. BAILEY AT ITHACA, N. Y.

This is a standard orchard with trees 40 feet apart each way, filled with double rows of Dwarf Apple Trees set 8 feet apart from each other both ways

From photograph by Professor F. A. Waugh, Horticulturist at The Massachusetts Agricultural College, Amherst

There are of course many other varieties that are worthy of a place in your orchard, but with all or a considerable part of these you will have fine fruit from September to June.

DWARF APPLES—As this is an apple bulletin, it is only fair to consider the Dwarf Apple in connection with it. It is right here for the home orchard that the dwarf has its place. I believe there are many varieties that will pay well to plant commercially as dwarfs, but in my opinion, hardly so well as standards in the hands of the average grower. At any rate it is a debatable question for the large orchard which we don't have to consider here; they certainly have a place in the home garden and your attention is called in this connection to our dwarf varieties on pages 10 and 11.

FOR THE COMMERCIAL ORCHARD

Probably in a class by themselves as commercial varieties in New York and New England, are four varieties—Baldwin, McIntosh, R. I. Greening and Northern Spy. Following these, however, there are many varieties that are grown commercially quite extensively and are well worth consideration in any list of commercial varieties:

Ben Davis	Hubbardston	Rome Beauty	Stayman	Wagener
Duchess	King	Roxbury Russet	Sutton	Wealthy
Fameuse	Pound Sweet	Stark	Twenty Ounce	

Standard Apple Trees

For Dwarf Apples see
pages 10 and 11

Prices on page 7

Every locality would of course modify this list somewhat for its own special market or environment, but on the whole the list includes most of the varieties that are prominent in our eastern markets and that generally do well over a wide area.

There are several comparatively new varieties that I believe might be added to these as varieties that are at least worth trying out commercially; among these I believe are the Opaescent, Winter Banana, Stearns, Scarlet Beauty and Delicious.

If my customer is an experienced orchardist he needs no advice from me as to what to plant; but if he is inexperienced as a fruit grower, let me urge, if growing for the general market, to plant FEW varieties that YOU KNOW are good yielders and adapted to your locality. Of course, if you grow for

facts; all give above the average crops about every year; all are good size to large, all are red and Ben Davis and Rome are among the handsomest there are; all give a high percentage of No. 1 fruit and with far less care than you would feel absolutely obliged to give most varieties; all are exceptionally good keepers in common storage, Stark till well into the spring, Ben Davis and Rome till summer. All are low in price if sold when in competition with the better varieties, but if kept late they bring excellent prices. One year I put Rome and Spy into the same market about April 15th to 20th, and the Spy sold for \$5.50 and Rome for \$6.50 simply on its fresher and more perfect appearance. If I were to select two varieties, one of which to bring the highest average early price and the other the highest average latest, I should



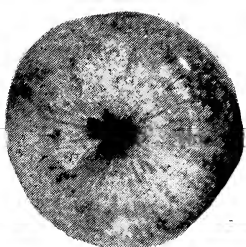
COMICE PEARS—SO GOOD EVEN THE CAT APPRECIATES THEM. (See page 7)

local demands and want a succession from earliest to latest, you can safely plant quite a wide range of varieties.

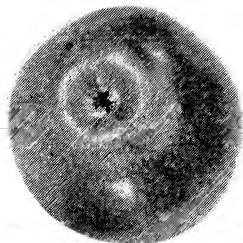
SELLING VALUES—You might just as well raise varieties that demand high prices as those that bring less; McIntosh, Greening, (if held in storage till about February), King, Twenty Ounce, Spy, Fameuse, Rome Beauty, Wealthy and Baldwin are among the highest sellers. However, some kinds have distinct seasons when their prices are low and again when they are high. McIntosh, Greening (after December), Twenty Ounce and King seem to maintain a high level of price from start to finish. Right here I want to mention three varieties of very low to medium quality that are great money makers if handled wisely; these are Ben Davis, Rome Beauty, and Stark. I have a few of all three kinds and my experience with them shows these

select McIntosh and Rome Beauty, based on my personal experience.

DISTANCE TO PLANT—Big growing varieties like Baldwin, Greening, Spy, King, Roxbury and Stark, 45 to 50 feet apart. Such growers as McIntosh, Wealthy, Wagener, Rome Beauty, Ben Davis and Duchess, may be planted 30 to 35 feet apart in permanent orchard and closer as fillers between your stronger growing varieties. These kinds are all well adapted for fillers, all being moderate growers and early and heavy yielders, usually cropping about every year. By all means plant fillers; if you plant Baldwin 50 feet apart it is spreading them out pretty thin to put only 17 trees per acre; by putting fillers at all 25 feet points you add three trees to each Baldwin and get about 70 trees per acre which makes your orchard for very many years a far more valuable asset.



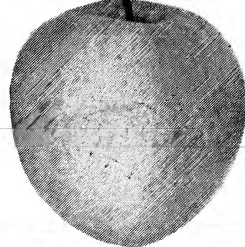
RED ASTRACHAN



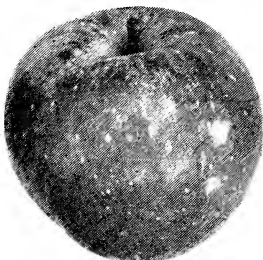
SEEK-NO-FURTHER



SPITZENBERG



YELLOW TRANSPARENT



HENDRICK

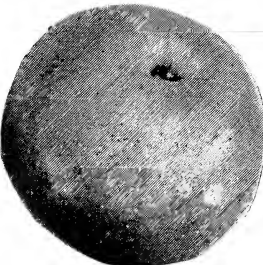
15c

Special Prices for the Commercial Planter

15c



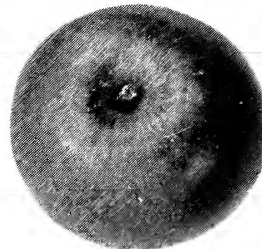
ROXBURY



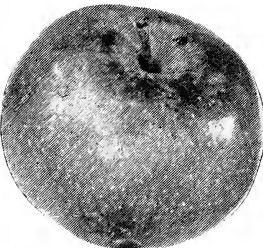
WEALTHY

GOOD FOR JANUARY ONLY

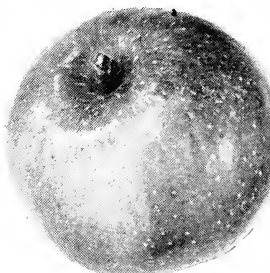
The large planter expects and with reason, to buy cheaper than the man who wants a few of many different varieties. For this month we are going to make a special rate for the benefit of the smaller commercial planters, I mean those who want just a small orchard, possibly as a starter toward something larger. Our General Catalogue lists our Regular size apple trees at \$20.00 per 100, very little less than the price of our extra size, for the reason that there is really so very slight difference in the trees themselves. Now we are going to give you for this month the price of 15c each on orders for not less than fifty Regular size apple trees and not less than ten trees of any variety. It means that for \$7.50 cash with order we will sell you as few as ten trees each of any five varieties listed here at 30c each, but it does not mean that we will sell you 49 Baldwins and 1 McIntosh tree; You would have to make it 40 Baldwin and 10 McIntosh. These trees will run not less than about 4 feet in height and the greater part will go over that. Don't think we are trying to get a second-class tree off onto you. They are strictly first-class as our extra size, and only just under them in size. Don't fear to plant them—it costs too much to get a customer these days to lose him by not pleasing him with his first order.



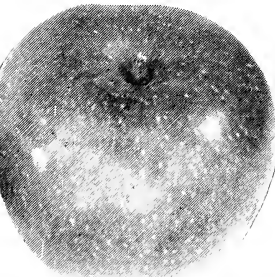
SUTTON



MCINTOSH



BALDWIN



GREENING

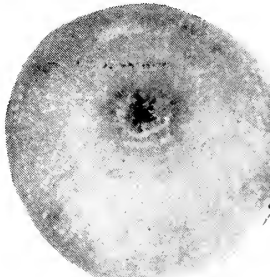
SPECIAL JANUARY PRICE

Two year old Standard Apple Trees
about 4 feet and up in height,
in lots of 50 trees or over.
Not less than 10 trees of a kind
Only 15c each

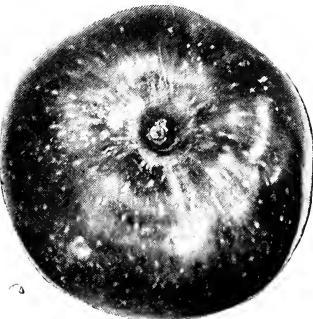
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CASH WITH ORDER

15c



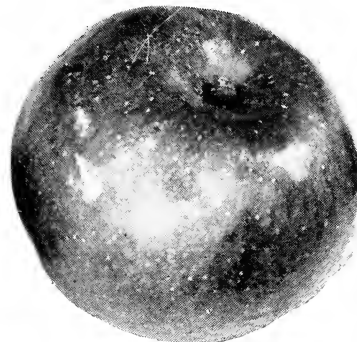
DUCHESS



KING



SPY



TWENTY OUNCE

Standard Apple Trees

For Dwarf Apples see
pages 10 and 11

PRICES, except as noted, cash with order

2 and 3 year trees	Each	Per Doz.	Per 100	One year trees	Per Doz.	Per 100
Extra size, 5-7 ft.....	30c	\$3.25	\$22.50	About 2½-4 ft.....	\$2.40	\$17.50

One year trees not less than 12 of one variety

EARLY VARIETIES

✓ Early Harvest	✓ Red Astrachan
✓ Early Strawberry	✓ Sweet Bough
✓ Golden Sweet	✓ Yellow Transparent

FALL AND EARLY WINTER VARIETIES

✓ Bismarck	✓ Maiden Blush
✓ Constantine	✓ Pound Sweet
✓ Duchess	✓ Scarlet Beauty, 50c
✓ Fall Pippin	✓ Stearns, 50c
✓ Fameuse	✓ Twenty Ounce
✓ King	✓ Wealthy
✓ McIntosh	✓ Wolf River

CRAB APPLES

Same Price as Apples	Martha
	Transcendent

Excelsior
Hyslop

LATE WINTER VARIETIES

✓ Bailey Sweet	✓ Opalescent
✓ Baldwin	✓ Pewaukee
✓ Ben Davis	✓ Rambo
✓ Black Ben Davis	✓ Red Canada
✓ French Pippin	✓ R. I. Greening
✓ Golden Russet	✓ Rome Beauty
✓ Gano	✓ Rox. Russet
✓ Grimes Golden	✓ Seek-no-further
✓ Hendrick Sweet	✓ Senator
✓ Hubbardston	✓ Spitzenberg
✓ Jonathan	✓ Stark
✓ Lady Sweet	✓ Stayman
✓ Longfield	✓ Sutton
✓ Munson Sweet	✓ Talman Sweet
✓ Northern Spy	✓ Wagener
✓ N. W. Greening	✓ Winter Banana
✓ Ontario	✓ Yellow Bellflower

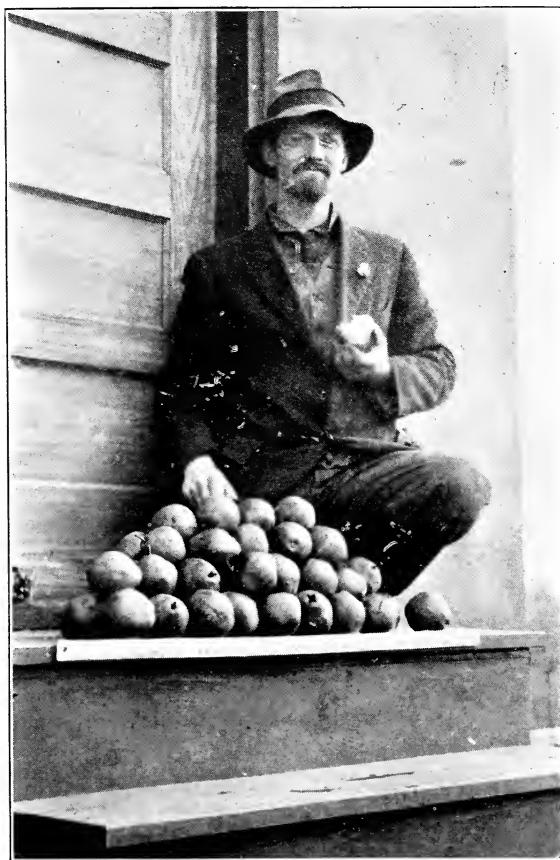
Standard Pear Trees

For Dwarf Pears see page 11

PRICES, except as noted, cash with order

2 and 3 year trees	Each	Per Doz.	Per 100	One year trees	Per Doz.	Per 100
Extra size, 5-7 ft....	35c	\$3.50	\$25.00	About 2½ to 4 ft.....	\$2.40	\$17.50

One year trees, not less 12 of one variety.



W. J. McKay smiles when he discovers that Kieffer is a fine eating Pear when properly ripened.

Anjou	Lawrence
Bartlett	Seckel
Clapp	Sheldon
Duchess	Vt. Beauty
Flemish	Worden-Seckel

BOSC, see prices page 8.

COMICE, 75c each, \$7.50 per doz.

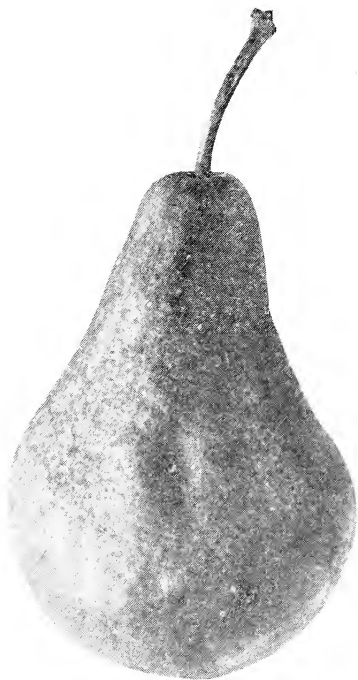
✓ **KIEFFER**—No fruit orchard is complete without at least one Kieffer tree. As ordinarily known it is a pear of very inferior quality; if properly ripened as we had them the past fall, they are a delicious pear even for eating out of hand. For eating uncooked select large ones that have staid on the tree as late as possible—Oct. 10th or later. Put them in a cool cellar for a month or more, and you will be surprised at their quality. As a cooking and canning pear they have few if any equals.

It's a pleasure to grow Kieffer; the tree is our rankest grower, hardy, very resistant to blight, unmolested by the scale, a heavy, annual cropper with always ready sale though at comparatively moderate prices. However, what they lose in price they make up in quantity. The past season our Bartlett and Kieffer crops sold for almost identically the same amount from the same acreage. They export well and bring good prices if handled so fruit is fine. The trees should be trimmed very severely, every year, to give large fruit; small Kieffer are practically worthless. They should also be left on the tree just as late as you dare leave them on account of the risk from heavy winds. My returns from Kieffer are gross about \$200.00 per acre and there is no pear that can be grown with as little labor.

BEURRE BOSC PEAR

	Each	Per Doz.	Per 100
One year, 3 ft.	\$1.00	\$10.00	\$50.00
Two Years, 5 ft	1.25	12.50	65.00

This is a hard variety for nursery men to grow, and the price is correspondingly high. If the price were double it would still be the best investment in pear trees, however, that the orchardist can make. This variety does well in most pear growing sections of this state, and is an especially good variety for Massachusetts and other parts of New England. It takes quite a while for it to come into bearing, but not much longer if any than Bartlett. It eventually makes a large tree and is one of the good annual bearers. A bushel box of Bosc, if handled rightly, will average as high in price as a barrel of a great many of the common varieties found in our market. One thing that keeps it high is the first cost of the trees; many buyers decide on kinds that will cost less to buy, disregarding the fact that the cost of the trees is about the smallest part of the cost of bringing an orchard into bearing. The fact that the other fellow won't plant it because of its price makes it your best investment in the pear line. At the time of writing this medium size Bosc are bringing \$2.50 per bushel box, and large, fancy stock, \$3.00 to \$3.50 in New York and Boston markets.



BEURRE BOSC PEAR

Standard Cherry Trees

For Dwarf Cherries, see page 12

Prices except as noted, cash with order

	Each	Per Doz.	Per 100
Extra size, 5-7 ft.	35c	\$3.50	\$25.00
1-yr., Sweets, 4-5 ft.		2.40	17.50
1-yr., Sours, 2-4 ft.		2.40	17.50

Not less than 12 one-year trees sold.

SWEETS

✓ Bing (Black)	✓ Napoleon	Black Tartarian
✓ Rockport	✓ Gov. Wood	Windsor (Black)
✓ Lambert (Black)	✓ Yellow Spanish	

✓ ABESSE, 75c
✓ Early Richmond
✓ English Morello

SOURS

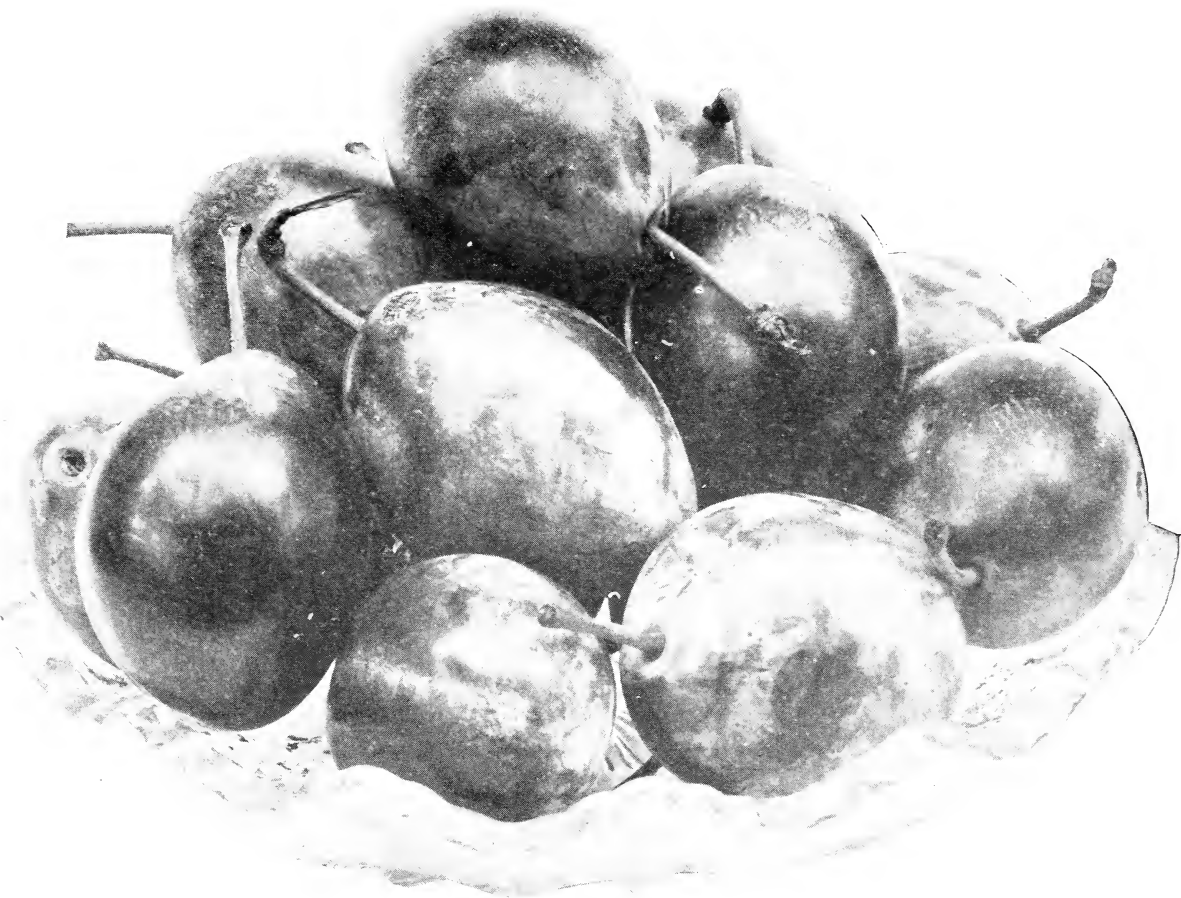
✓ MARGUERITE, 50c
✓ May Duke
✓ Montmorency

You want a tree of both Abbesse and Marguerite cherries; the two for one dollar will give you for home use, two of the most delicious cherries grown.

Being sold out of McKay's Late Montmorency and Royal Duke Cherries, we withdraw them from sale, also the Royal Duke Collection, page 17, General Catalogue.



ONE OF OUR MONTMORENCY ORCHARDS IN BLOOM LAST SPRING.



Standard Plum Trees

Prices, cash with order.

	Each	Per doz.	Per 100
Extra size, 5-7 ft. . .	35c	\$3.50	\$25.00
One-year, 3-5 ft. . .		2.40	17.50

Not less than 12 one-year trees sold.

EUROPEAN VARIETIES

✓ Bradshaw	✓ Monarch
✓ Fellenberg	✓ Reine Claude
✓ German Prune	✓ Shropshire Damson
✓ Lombard	✓ Yellow Egg
✓ PALATINE, 50c	✓ PEARL 75c

JAPAN VARIETIES

✓ Abundance	✓ Oct. Purple
✓ Burbank	✓ Satsuma
✓ Red June	✓ Wickson

For Dwarfs see page 11.

Standard Apricot Trees

Price, cash with order

	Each	Per doz.	Per 100
Extra size, 3-4 ft. . .	35c	\$3.50	\$25.00

TWO SPLENDID VARIETIES

✓ Montgamet and Smiths

Quince Bushes

	Each	Per doz.	Per 100
Extra size, 3-4 ft. . .	35c	\$3.50	\$25.00

✓ Bourgeat
✓ Champion

✓ Orange
✓ Sweet Winter, 2-3 ft.,
50c

Pearl and Palatine

We are quite closely sold on these two varieties and to fill orders shall have to use smaller sizes than listed in our General Catalogue. We reserve the right, therefore, both when sold singly and in our Pearl Collection to put in any size tree that may be necessary, without reduction in price.

These varieties have been tested for several years at the Experiment Station and Prof. Hedrick in his "Plums of New York," speaks of them in terms of enthusiastic praise. In our General Catalogue we give Prof. Hedrick's description of them in full.

Standard Peach Trees

For Dwarfs see page 12

PRICES OF PEACH TREES, except as noted, cash with order

	Each	Per Doz.	Per 100
Extra size, about 4-6 ft.	20c	\$2.00	\$12.00
Regular size, about 3-4 ft.	15c	1.50	9.00
Medium size, about 2-3 ft. Not less than 50 trees on an order.			6.00

LIST OF VARIETIES

✓ Belle of Georgia	✓ Greensboro
✓ Carman	✓ Hill's Chili
✓ Chair's Choice	✓ Mt. Rose
✓ Champion	✓ Niagara
✓ Crawford's Early	✓ Old Mixon
✓ Crawford's Late	✓ Salway
✓ Crosby	✓ Smock
✓ Elberta	✓ Stevens
✓ Fitzgerald	✓ Stump
✓ Foster	

Prices of New and Special Varieties

ABUNDANCE, LAMONT, WADDELL AND CRIMSON BEAUTY

	Each	Per Doz.	Per 100
Extra size, about 4-6 ft.	30c	\$3.00	\$18.00
Regular size, about 3-4 ft. ...	20c	2.00	12.00
Medium size, about 2-3 ft. ...	15c	1.50	9.00

McKAY'S LATE

	Each	Per Doz.	Per 100
Extra size, about 4-6 ft.	50c	\$5.00	\$30.00
Regular size, about 3-4 ft. ...	40c	4.00	24.00
Medium size, about 2-3 ft. ...	25c	2.50	15.00

WILLETT

	Each	Per Doz.	Per 100
Extra size, about 4-6 ft.	40c	\$4.00	\$24.00
Regular size, about 3-4 ft. ...	25c	2.50	15.00
Medium size, about 2-3 ft. ...	20c	2.00	12.00

Dwarf Apple Trees

40c each, \$4.50 per doz.,
\$30.00 per 100

Our General Catalogue lists only 26 varieties of Dwarf Apples. The past season's growth has added materially to our list of kinds.



DWARF APPLE, BUT STANDARD BOY
Cut by courtesy of Prof. Waugh

List of varieties of Dwarf Apples

EARLY VARIETIES

✓ Early Harvest	✓ Excelsior
✓ Golden Sweet	✓ Sweet Bough
✓ Yellow Transparent	

FALL AND EARLY WINTER VARIETIES

✓ Autumn Strawberry
✓ Bismarck
✓ Constantine
✓ Duchess
✓ Fall Pippin
✓ Fameuse
✓ Gravenstein
✓ King
✓ McIntosh
✓ Pound Sweet
✓ Scarlet Beauty
✓ Stearns
✓ Twenty Ounce
✓ Wealthy
✓ Wolf River

WINTER VARIETIES

✓ Bailey Sweet
✓ Baldwin
✓ Ben Davis
✓ Golden Russet
✓ Grimes Golden
✓ Hendrick Sweet
✓ Hubbardston
✓ Jonathan
✓ Lady Sweet
✓ Longfield
✓ Northern Spy
✓ R. I. Greening
✓ Rome Beauty
✓ Spitzenberg
✓ Stark
✓ Stayman
✓ Talman Sweet
✓ Wagener
✓ Winter Banana



THIS TELLS ITS OWN STORY
Courtesy of Prof. Waugh

DWARF APPLES ON PARADISE STOCK

We have for this season a limited number of Dwarf Apple Trees grown on the Paradise Apple stock, which produces the more pronounced dwarf type of tree. These are only one year old, but at this age are perhaps more easily trained to the exact form desired than an older tree.

Price, 75c each, \$7.50 per doz.

EARLY VARIETIES

- ✓ Excelsior
- ✓ Red Astrachan
- ✓ Yellow Transparent

FALL VARIETIES

- ✓ Bismarck
- ✓ Scarlet Beauty
- ✓ Constantine
- ✓ Stearns
- ✓ Gravenstein
- ✓ Twenty Ounce
- ✓ McIntosh
- ✓ Wealthy

WINTER VARIETIES

- ✓ Jonathan
- ✓ Spitzenberg
- ✓ Lady Sweet
- ✓ Stayman
- ✓ Winter Banana

All our Dwarf trees are two years old except peaches which in both Standard and Dwarf form are only one year. Our stock of several varieties of Apples and of Plums and Cherries is getting quite short. When sold out of two year trees we reserve the privilege of filling orders with one year plants unless you give instructions to the contrary.

The cut here represents the Dwarf Apple trees grown in the upright cordon form. They are planted 18 to 24 inches apart, with space between rows for cultivation. A single stalk is allowed to grow upright, and during the season is kept closely pruned. When each branch has grown 5 buds, cut it back to 3, and afterwards as they grow three buds, cut back to one. If necessary stake, or fasten to wire trellis, fence or building. This is probably the best form to grow the dwarf apple to its highest perfection, although it may be trained in several other forms which cannot be considered here owing to lack of space.

Dwarf Apricot Trees

Montgamet, 40c each, \$4.00 per doz.

Dwarf Pear Trees

30c each, \$3.00 per doz., \$20.00 per 100 except as noted

- | | |
|----------------|----------|
| Bartlett | Flemish |
| Beurre d'Anjou | Kieffer |
| Clapp | Lawrence |
| Duchess | Seckel |

DWARF BEURRE BOSC, 50c each

Dwarf Plum Trees

50c each, \$5.00 per doz., \$35.00 per 100

EUROPEAN VARIETIES

- | | |
|-----------------|---------------------|
| ✓ Bradshaw | ✓ Monarch |
| ✓ Fellenburg | ✓ Reine Claude |
| ✓ German Prune | ✓ Shropshire Damson |
| ✓ Lombard | ✓ Yellow Egg |
| ✓ Palatine, 75c | ✓ Pearl, 75c |

JAPAN VARIETIES

- | | |
|------------------|------------|
| ✓ Abundance | ✓ Red June |
| ✓ Burbank | ✓ Satsuma |
| ✓ October Purple | ✓ Wickson |

Dwarf Cherry Trees

50c each, \$5.00 per doz., \$35.00 per 100
except as noted

SOUR VARIETIES

Abesse, \$1.00	Marguerite, 75c
Early Richmond	May Duke
English Morello	Montmorency

SWEET VARIETIES

Black Tartarian	Rockport
Napoleon	Windsor



DWARF CHERRY TREE

Only One Year Planted. Had 150 Blossoms
When Photographed

Dwarf Peach Trees

30c each, \$3.00 per doz., \$20.00 per 100

✓ Abundance 50c.	Greensboro
✓ Belle of Georgia	Lamont 50c.
✓ Carman	McKay's Late 50c.
✓ Champion	Mt. Rose
✓ Crawford's Early	Niagara
✓ Crawford's Late	Salway
✓ Crimson Beauty 50c.	Smock
✓ Elberta	Willett 50c.
✓ Fitzgerald	Yellow St. John

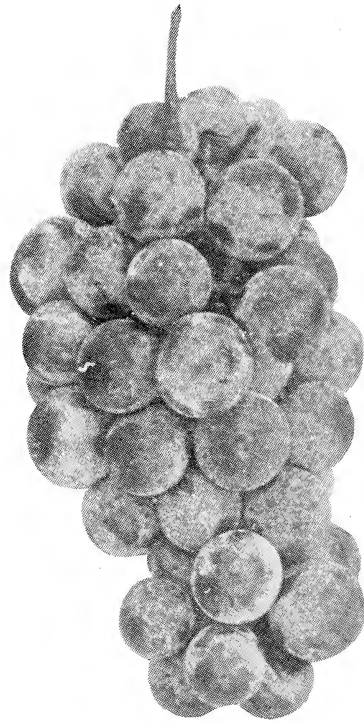
Abundance, Crimson Beauty and Lamont may be
included in orders of 12 or more at the \$3.00 rate
while they last.

Grape Vines

2-year Plants

WHITE OR GREEN VARIETIES

Empire State, 20c	Niagara, 15c
Moore's Diamond, 20c	Winchell, 30c



WORDEN GRAPE

BLACK VARIETIES

✓ Concord, 15c, \$1.00	✓ Moore's Early, 15c
doz.	Worden, 15c
✓ Campbell Early, 30c	

RED VARIETIES

✓ Agawam, 15c	✓ Catawba, 15c
✓ Brighton, 20c	✓ Delaware, 20c

Dozen rate, ten times the single rate except
Concord.

One of each of above 12 varieties, \$1.50

Raspberry Plants

Not less than 6 of one variety.

RED AND YELLOW VARIETIES

✓ Cuthbert, 50c per doz., \$2.00 per 100.
✓ Golden Queen, yellow, \$1.00 per doz., \$5.00 per 100.
✓ Herbert, \$1.00 per dozen, \$5.00 per 100.
✓ JUNE, see next page.
✓ Ruby, 60c per doz., \$2.00 per 100.
✓ Marlboro, 50c per dozen, \$2.00 per 100.

PURPLE VARIETIES

Columbian, 50c per doz., \$2.00 per 100.

BLACK VARIETIES

Black Diamond, 50c per doz., \$2.00 per 100.
Cumberland, 60c per doz., \$2.00 per 100.
Gregg, 50c per doz., \$2.00 per 100.
Plum Farmer, 50c per doz., \$2.00 per 100.

June Raspberry

Prices: 25c each, 50c for 3, 75c for 6, \$1.25 for 12, \$2.25 for 25, \$4.00 for 50, and \$7.50 for 100.

Quantities from 1 to 25 will be sent you post paid if you have no other stock going by express with which they may be shipped.

(Note:—My reason for so elaborate a schedule of prices is that no one, wanting even a single plant, need be barred by our rule of not less than half dozen berry plants of a kind; and we have not a customer interested in small fruit culture but should have a few of this rather wonderful variety.)

We nurserymen have the reputation of drawing rather a "long bow" in describing some of the products of our craft; so, having in mind the lurid word pictures I have seen, descriptive of some new kinds, I am not going to say a word of JUNE, except to quote entire its description from Bulletin 364, July, 1913, of the New York Agricultural Experiment Station where the June originated. This

Bulletin is on "New or Noteworthy Fruits" by Professor U. P. Hedrick, Horticulturist, and Editor of "Plums of New York," and "Grapes of New York," and at present editing similar works on Cherries and Peaches. I may properly add that I know that all my plants come from those sent out by the Station in 1909.

I have less than two thousand June plants at command for sale, and when they are sold further orders will have to be declined as I know of no other place to procure more. I would suggest, therefore, early orders for this variety. W. L. M.)

"JUNE has been tested long enough in different parts of New York to fully determine its value. Reports received indicate that it is quite equal and often superior to the best older varieties. It is worthy of extensive planting on account of several remarkable characteristics of both plant and fruit. The plants are as hardy and as healthy as those of its two well known parents, Loudon and Marlboro, and are more vigorous. But comparatively few suckers are produced and these are little crowded and are thus better able to mature their crop. The yield is heavy and is well distributed over a long season, which begins the earliest of any of the 70 varieties growing at this Station, ripening as no other raspberry does, in June, hence the name. The fruit resembles Loudon

in color, a bright, handsome red and averages larger than Cuthbert but is more spherical. June ships and holds up in size unusually well throughout the season. Last, but by no means least, June is high in quality. We expect to see this variety become one of the most profitable red raspberries grown.

"June is the result of a cross made on the Station grounds in 1897 between Loudon and Marlboro. From this seed, 338 plants were secured, one of which, after fruiting for several years, was named "June" and in 1909 was disseminated among raspberry growers.

"Plants more vigorous than either of its parents, upright, few suckers, hardy, very productive, healthy; canes stocky, nearly smooth, roundish, often with considerable bloom, spines straight, of medium thickness, short, few in number and distributed almost entirely near the base; season of bloom June 2 to June 9 in 1912. Fruit matures very early (June 28 to July 16 in 1912), season long, keeps and ships well, adheres well to the bushes, easily picked; berries very large, and holding their size unusually well until the close of the fruiting season, firm, with large drupelets, bright, handsome red resembling Loudon, mild sub-acid of good flavor."

Gooseberries

American Varieties, 15c each, \$1.50 per doz.,
\$10.00 per 100.

Downing

Pearl

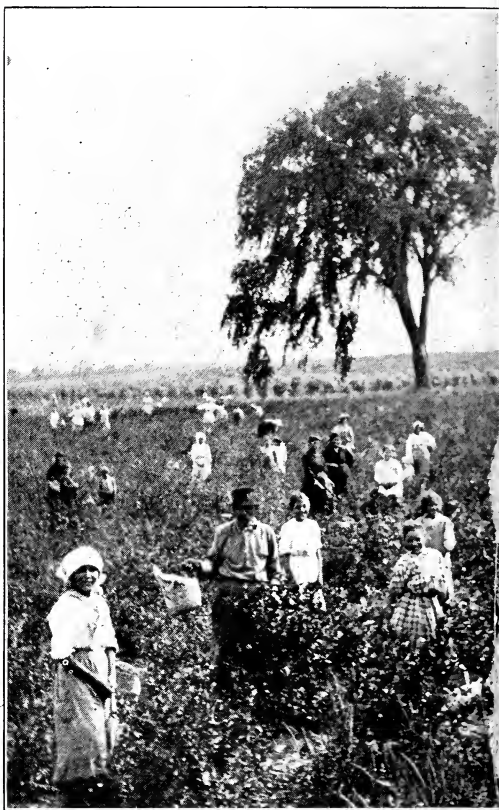
Houghton

Smith's Improved

INDUSTRY, English variety
20c each, \$2.00 per doz.

Excepting Strawberries, Gooseberries will give the quickest profitable returns of any fruit grown in our New York fruit areas. I have grown about all the different trees and small fruit on a commercial basis, and for profit per acre I place the Gooseberry next to cherries. The accompanying cut shows our $3\frac{3}{4}$ acre plat of Downing and Pearl, with its pickers, July 1st, 1913. These were planted in November, 1910. In 1912 we picked from them 4500 lbs. of fruit which netted us \$247.00, or \$66.00 per acre. The plants were much larger in 1913, fully large enough to carry eight tons of fruit; they were injured by the late frost, however, and yielded only 7961 lbs., netting \$437.84 or \$116.75 per acre. Full bearing plantations in Geneva are giving their owners four hundred dollars per acre and even more in many instances. Houghton is a heavier cropper even than Pearl or Downing, but is a smaller berry.

Special prices to large planters on application.

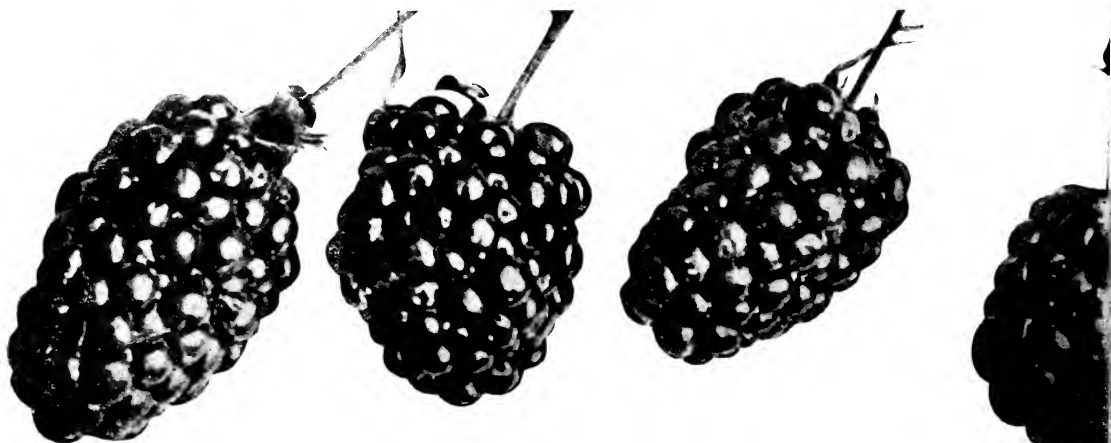


OUR GOOSEBERRY PICKERS, JULY 1, 1913

Blackberries

- ✓ Agawam, 50c per doz., \$2.50 per 100, \$20.00 per 1000.
- ✓ Ancient Brittain, 60c per doz., \$2.50 per 100, \$20.00 per 1000.
- ✓ Blowers, \$1.00 per doz., \$5.00 per 100, \$35.00 per 1000.
- ✓ Mersereau, 75c per doz., \$3.00 per 100, \$25.00 per 1000.
- ✓ Rathbun, 60c per doz., \$2.50 per 100.
- ✓ Snyder, 50c per doz., \$2.00 per 100, \$20.00 per 1000.
- ✓ Taylor, 50c per doz., \$2.00 per 100, \$20.00 per 1000.

6 each of Agawam, Ancient Brittain, Blowers, Snyder and Taylor, 30 plants in all, \$1.00.



SNYDER

TAYLOR

AGAWAM

BLOWERS



McKAY'S MAMMOTH RHUBARB

Rhubarb

McKAY'S MAMMOTH—A very strong wing, tender, delicious variety which with under forced conditions has made a wth of four inches a day. Try it; Knock both heads from any old barrel, place it r a plant, and watch it grow!

25c each, \$2.50 per doz.



McKAY'S GIANT ASPARAGUS

Asparagus

\$1.00 per 100, \$6.00 per 1000

ONOVER'S COLLOSAL PALMETTO
McKAY'S GIANT—A new variety originating in New Jersey, which has proven its blue as a great cropper. It is a green variety similar in appearance to Palmetto. c_per 25, \$1.25 per 100, \$10.00 per 1000

Currant Bushes

2-year plants, \$1.00 per doz., \$7.50 per 100, except as noted

Cherry
 Fay's Prolific

Wilder
 White Imperial

PERFECTION

25c each; \$2.50 per dozen

ORNAMENTAL DEPARTMENT

Roses

CLIMBERS AND RAMBLERS

Baby Rambler, crimson, 25c
 Baby Rambler, white, 35c
 Baltimore Belle, white, 20c
 Blue Rambler, purplish blue, 20c
 Crimson Rambler, 25c
 Dorothy Perkins, shell pink, 20c
 Pink Rambler, 25c
 Queen of Prairie, bright rose, 20c
 White Rambler, 20c
 Yellow Rambler, 20c

HYBRIDS, PERPETUALS AND TEAS

Appoline, pink, 30c
 Clothilde Soupert, flesh pink, 30c
 Coquette des Alps, white, 25c
 Francois Levet, pink, 35c
 Frau Karl Druschki, white, 50c
 General Jacqueminot, crimson, 25c
 Gruss an Teplitz, crimson, 35c
 Hermosa, pink, 25c
 Kaiserin Augusta Victoria, straw, 50c
 Killarney, pink, 35c
 La France, pink, 30c
 Leopold Premier, crimson, 25c
 Madam Alfred Carrier, white, 25c
 Madam Gabriel Luizet, pink, 35c
 Madam George Bruant, white, 25c
 Madam Plantier, white, 25c
 Magna Charta, pink, 25c
 Mrs. John Laing, pink, 35c
 Paul Neyron, pink, 25c
 Prince Camille de Rohan, very dark, 30c

MOSS ROSES

Crested, pink, 35c
 White, 25c

Hardy Climbing Vines

American Ivy, (Virginia Creeper), 25c
 Ampelopsis Veitchii, (Boston Ivy), 25c
 Hall's Japan Honeysuckle, 25c
 Monthly Fragrant Honeysuckle, 35c
 Scarlet Trumpet Honeysuckle, 35c
 Trumpet Vine, 25c
 Wistaria, Chinese Purple, 50c
 Wistaria, Chinese White, 50c

CLEMATIS

Henrii, white, 50c
 Jackmanii, purple, 50c
 Madam Eduard Andre, red, 50c
 Paniculata, white, 25c

Hardy, Upright Shrubs

Althea, Ardens, red, 25c
 Althea, Alba, white, 25c
 Althea, Ball of Fire, red, 25c
 Althea, Lady Stanley, light, 35c
 Althea, Variegated Leaf, 35c
 Barberry, Purple-leaved, 25c
 Barberry, Thunbergii (Japanese Barberry),
 Red berries. 25c each. For hedging,
 \$15.00 per 100.
 Calycanthus Floridus, purple, 25c
 Cornus Elegantissima (Variegated Dog-
 wood), 50c
 Cornus Siberica, bright red branches, 25c
 Currant, White Flowering, 25c
 Currant, Red Flowering, 25c
 Deutzia Crenata, white with pink shading, 25c
 Deutzia Gracilis, white, 25c
 Deutzia Lemoinei, white, 25c
 Deutzia, Pride of Rochester, white tinted
 with rose, 25c
 Forsythia Viridissima, deep gold, 25c
 Fringe, Purple, (Smoke Tree), 35c
 Fringe, White, 50c
 Golden Elder, golden foliage, 25c
 Honeysuckle, Red Tartarian, 25c
 Honeysuckle, White Tartarian, 25c
 Hydrangea Paniculata, white, bush form,
 25c; tree form, 50c
 Lilac, unnamed, purple and white, 30c
 Lilacs, named varieties, tree form, splendid,
 strong plants, 75c each, as follows
 Chas. X, reddish purple.
 Josikaea, light purple
 Ludwig Spæthe, very dark purple.
 Madam Abel Chatenay, double, white
 Madam Lemoine, double, white
 Marie LeGraye, single, pure white.
 Pres. Grevy, very light blue.
 Pæonias, red, white, pink, unnamed, 25c each
 Prunus Pissardi, bright purple, 25c
 Prunus Triloba (Flowering Plum), Pink, 50c
 Quince, Japan, bright red, 25c
 Snowball, Common, greenish white, 25c
 Snowball, Japan, pure white, 50c
 Spirea, Anthony Waterer, red, 20c
 Spirea, Aurea, golden foliage, 35c
 Spirea, Bumalda, rose, 25c
 Spirea, Callosa Alba, white, 25c
 Spirea, Callosa Rosea, rose, 25c
 Spirea, Van Houtte, white, 20c
 Syringa Garland (Mock Orange), white, 25c
 Syringa, Golden, golden foliage, 35c
 Weigela, Candida, pure white, 35c
 Weigelia, Eva Rathke, crimson, 35c
 Weigela, Rosea, rose, 25c
 Weigela, Variegated Leaved, 35c

HEDGE PLANTS

	Per 100	Per 1000
Arbor Vitae, 12-18 in.	\$15.00	
Barberry, Japan, 12-18 in.	15.00	
California Privet, 18-24 in.	5.00	\$35.00
Honey Locust, 12-24 in.	2.00	10.00
Osage Orange.	1.00	5.00
Norway Spruce, 12-18 in.	20.00	

Ornamental and Shade Trees

Sizes of ornamental trees will be such as constitute first-class trees of the various varieties, running from 3 to 5 ft. on such as Crab and Thorns, to 7 to 10 ft. on such trees as Maples and Poplars.

Beech, Purple Leaf, \$1.00
 Birch, Cut Leaf, 50c
 Catalpa, Speciosa, 50c
 Catalpa, Bungeii, (Dwarf), \$1.00
 Crab, Bechtel's Flowering, 50c
 Elm, American, 75c
 Elm, Camperdown, Weeping, \$1.00
 Linden, American (Basswood), \$1.00.
 Magnolia, Acuminata, 75c
 Maple, Norway, \$1.00
 Maple, Wier's Cut Leaf, \$1.00
 Maple, Sycamore, \$1.00
 Maple, Ash Leaf, 50c
 Maple, Silver Leaf, 75c
 Maple, Sugar (Rock), \$1.00
 Mountain Ash, Oak Leaf, 50c
 Mountain Ash, American, 50c
 Mountain Ash, Weeping, 75c
 Mulberry, New American, \$1.00
 Mulberry, Russian, 50c
 Poplar, Carolina, 25c
 Poplar, Lombardy, 50c
 Thorn, Double White, 50c
 Thorn, Paul's Scarlet, 50c
 Tulip Tree, 75c
 Willow, Kilmarnock, Weeping, 75c

EVERGREEN TREES

Most varieties about 2 ft.

Arbor Vitae, American, 50c
 Arbor Vitae, Pyramidalis, 75c
 Arbor Vitae, Siberian, 75c
 Fir, Balsam, 50c
 Fir, Concolor, \$1.50
 Fir, Nordmans, \$1.50
 Pine, Austrian, 50c
 Pine, Scotch, 75c
 Spruce, Koster's Blue, \$2.50
 Spruce, Norway, 50c
 Spruce, Colorado Blue, \$2.00

FOREST TREE SEEDLINGS

Must be ordered early as they are grown for us in the west.

Catalpa Speciosa, 12-18 in., \$2.00 per 100,
 \$12.00 per 1000
 Black Locust, 12-18 in., \$2.00 per 100, \$12.00
 per 1000
 Russian Mulberry, 12-18 in., \$3.00 per 100,
 \$18.00 per 1000
 Black Walnut, 12-18 in., \$5.00 per 100, \$30.00
 per 1000